

Receiving Report

Date: 9/7/10
 Supplier: MAMCO

Batch No: M112187
 Dart P/O: 10029

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☐
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 010210 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

[Signature]

Production/Admin: 09/07/13
 Date RCP 10029
 Received/Costing CS
 Initial

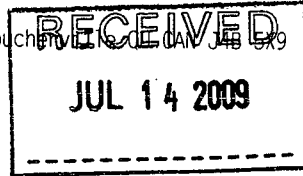
Location _____

Marmon / Keystone Canada Inc.



Specialty Steels

290 Chemin du Tremblay Boucherville, Québec J4B 5K9



TEL (514) 527 9153 FAX (450) 641 4357

SOLD TO: VENDU À:
DART AEROSPACE LTD
1270 ABERDEEN STREET

SHIPPED TO: EXPÉDIER À:
DART AEROSPACE LTD
1270 ABERDEEN STREET

INVOICE FACTURE 400702
INVOICE DATE DATE DE FACTURE 7/09/09
PAGE: 1

HAWKESBURY

ON CAN K6A 1K7

HAWKESBURY

ON CAN K6A 1K7

SHIP VIA / EXPÉDIÉ PAR EPIC		F.O.B. / F.A.B. BOUCHERVILLE		G.S.T. / T.P.S. R137204947 Q.S.T. / T.V.Q. 1016343044 TQ0001 LE
YOUR ORDER NO. / VOTRE N° DE COMMANDE 10029	SALESMAN / VENDEUR GHI	MARMON / KEYSTONE # 1078342	PROVINCIAL TAX NO. 6122-5207 N° TAXE PROVINCIALE	

ORDERED / COMMANDÉE	DESCRIPTION	SHIPPED / EXPÉDIÉE QUANTITY / QUANTITÉ	UNIT PRICE / PRIX UNITAIRE	AMOUNT / MONTANT
300 FT	STAINLESS STEEL SEAMLESS TUBE ANNEALED AND PICKLED A213/SA213 A.W. 304L SMLS TUBE 3/4 X .049 SA213 A.W. A&P STS .750 .049 F304L Cust. part#: M304TR0.750W.049	300 FT 110 LBS 15 Pieces	2.250 /FT	675.00
300 FT	STAINLESS STEEL SEAMLESS TUBE A213/SA213 A.W. POLISHED SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Cust. part#: M304TR0.500W.035	300 FT 52 LBS 15 Pieces	1.280 /FT	384.00
	Energy Surcharge			12.20

ORIGINAL INVOICE / FACTURE ORIGINALE

TERMS: NET 30 DAYS
PLUS 2% PER MONTH ON
ALL OVERDUE ACCOUNTS.

TERMES: NET 30 JOURS
PLUS 2% PAR MOIS
SUR COMPTE PASSÉ DÙ.

FOR CONDITIONS OF SALE REFER TO BACK OF INVOICE.
POUR LES CONDITIONS DE VENTE, VOUS TROUVEREZ LES
RENSEIGNEMENTS À L'ENDOS DE LA FACTURE ORIGINALE.

G.S.T. /HST T.P.S.	53.56
PROVINCIAL TAX TAXE PROVINCIALE	.00

**PAYMENT OF THIS INVOICE IS DUE BY
LE RÈGLEMENT DE CETTE FACTURE EST EXIGIBLE AU PLUS TARD LE**

08/10/2009

1.124.76



Purchase Order Receipt Listing

July 13, 2009 8:47:49 AM

Page 1 of 1

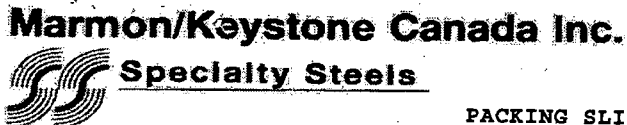
All amounts are calculated in domestic currency.

All Vendors PO ID PO10029 All Receipt Dates All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Reference (Item, WO, GL)

Purchase Order ID	Line Nbr/Insp Req	Project ID	Vendor ID/ Name/ Currency Type	PO U/M / Stock U/M	Req Date	Req Qty	Recv Date/ Recv Emp	Recv Qty	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty	MRB Qty/ MRB Reject Qty	Book Amt
Reference: \Description					M304TR0.500W. 304 RD Tube 035	112187						
PO10029	2		VC-MAR001	f	7/08/09	300.0000	7/13/09	300.0000	\$1.28	0.0000	0	\$384.00
	No		Marmon/Keystone Canada Ltd.	f			LAVO01		\$384.00	0.0000	0	
			CAD									
								Total Received Quantity:			300.0000	
								Total Quantity to Inspect (PO U/M):			0.0000	
								Total Reject Quantity:			0.0000	
								Total Receipt Value:			\$384.00	
								Total Balance Due Quantity:			0.0000	
Reference: \Description					M304TR0.750W. 304 RD Tube 049	112187						
	1		VC-MAR001	f	7/08/09	300.0000	7/13/09	300.0000	\$2.25	0.0000	0	\$675.00
	No		Marmon/Keystone Canada Ltd.	f			LAVO01		\$675.00	0.0000	0	
			CAD									
								Total Received Quantity:			600.0000	
								Total Quantity to Inspect (PO U/M):			0.0000	
								Total Reject Quantity:			0.0000	
								Total Receipt Value:			\$675.00	
								Total Balance Due Quantity:			0.0000	



290 Chemin du Tremblay
Boucherville QU CAN J4B 5X9
TEL. 514/527-9153
FAX. 450/641-4357

PACKING SLIP

PAGE... 1
Order : 1078342
Date... 07/09/2009

SOLD TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIPPED TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIP VIA
EPIC

F.O.B.
BOUCHERVILLE

SALESPERSON
G. Dulude

YOUR ORDER NO.
10029

	Ordered	Description	Number Pieces	Quantity Shipped	Back Ordered
01	300 /FT	Fax all papers to Linda Lacelle 613-632-1053 Mill tests required with all shipment rev:08/08 STAINLESS STEEL SEAMLESS TUBE 304L SMLS TUBE 3/4 X .049 SA213 A.W. A&P STS .750 .049 F304L Tariff Number: 7304. Cust. part#.: M304TR0.750W.049 HT#.....: TG080015 Total...	✓ 15 15	300/FT 300/FT	IN
02	300 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Tariff Number: 7304. Cust. part#.: M304TR0.500W.035 HT#.....: 872-2783 Total...	✓ 15 15	300/FT 300/FT	IN

19/7/90

No. of Bdl's/Pieces

1 / 0

Total Weight.....:

162

Customers.: _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO10029

Purchase Order Date 7/08/09

PO Print Date 7/08/09

Page Number 1 of 1

Order From :

VC-MAR001

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA



Contact Name

Vendor Phone

800 361 8142

Vendor Fax

450 641 4357

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

6122-5207

Terms

Net 30

Currency

CAD

FOB

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304TR0.750W.049	304 RD Tube .750 x .049W	7/08/09 Yes	✓ 300.00 f	Epic collect	\$2.2500	\$675.00
		Special Inst:	MATERIAL: AISI 304/316 SS EAMLESS ROUND TUBING AS PER ASTM OR ASME SA213 OR ASTM A269				
2	M304TR0.500W.035	304 RD Tube .500 x .035W	7/08/09 Yes	✓ 300.00 f	Epic collect	\$1.2800	\$384.00
		Special Inst:	AS ABOVE				

PO Total:

\$1,059.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

CL

W

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 7/08/09



SHANGHAI CRYSTAL PALACE PIPE CO.,LTD

ZHONG GANG, NAN HUI, SHANGHAI CHINA ZIP CODE:201302

MILL TEST CERTIFICATE

ISO9001:2000 ;PED Material CERTIFICATE (No.:QAC0021058/A)

DATE OF ISSUE:2009/4/26

CUSTOMER: MARMON/KEYSTONE CANADA INC..							CERTIFICATE NO. :2009-3-4-A-7					
P.O.NO.: MN6218							ORDER NO. :2009-3-004-A					
COMMODITY: STAINLESS STEEL SEAMLESS TUBING.							GRADE : ASTM A213-07 TP304/TP304L					
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END.							HEAT NO. :TG080015					
CHEMICAL CONTENTS (WT%)												
ELEMENTS		C	Mn	P	S	Si	Ni	Cr				
SPECIFICATION		≤ 0.035	≤ 2.00	≤ 0.040	≤ 0.030	≤ 0.75	8.0~13.0	18.0~20.0				
RESULTS (LADLE)		0.021	0.95	0.038	0.002	0.44	8.08	18.14				
PHYSICAL PROPERTIES												
Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥205	T S (Mpa) ≥515	EL (%) ≥35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤80	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)										
0.750	0.049	20	P09-3-61	50	168	385	640	69.0	OK	OK	75	OK (DRILLED HOLE)
REMARKS:												
AS PER ASTM A213/ASME SA213-07						1.WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT						
WALL THICKNESS TOLERANCE AS PER ASTM A269-07						2.THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.						
IN COMPLIANCE TO NACE MR0175-2003						SHANGHAI CRYSTAL PALACE PIPE CO.,LTD Diagweijue MANAGER OF QUALITY ASSURANCE DEPARTMENT						
IC TEST TO ASTM A262 PRACTICE E												
SOLUTION HEAT TREATMENT :1050°C X 1.5m/min												
NO WELD REPAIR WAS PERFORMED												
FREE FROM MERCURY CONTAMINATION												
COUNTRY OF ORIGIN: CHINA												
MILL TEST CERTIFICATE TO EN 10204/3.1												
INVOICE NO: YK-09-04-37												

Q.C. Reviewed
2006/16/02

SIS- /50- 049- -E304L * IG080015 * 100066 / * MN6218 * 6/23/2009

検査成績表 (MILL CERTIFICATE)

需要家:

(CUSTOMER) MARMON/KEYSTONE CANADA

注文者: 三京物産株式会社

(SUPPLIER) (SANKYO&CO., LTD.)

品名:

(COMMODITY) SEAMLESS STAINLESS STEEL COLD DRAWN TUBE

ASTM/ASME A269/A213/SA213 (A.W.) TP304/304L

契約番号: S91CA40-B

(CONTRACT NO.)

三京不銹鋼管(沈陽)有限公司

SANKYO STAINLESS TUBE(SHEN YANG) CO., LTD.

中国・瀋陽市蘇家屯区玫瑰街115号

(NO.115 MEIGUI STREET, SUJIATUN DISTRICT, SHENYANG, P.R. CHINA)

寸法: 0.500 " OD × 0.035 " WT × 20' LG

(SIZE)

発行日: 2009.03.02

(DATE OF ISSUE)

証明書番号: 09-0177

(CERTIFICATE NO.)

需要家管理番号: P.O.# MN 6115

(CUSTOMER ORDER NO.)

CASE NO.: 05

S 09/03/09

製作番号 (Mfg. No.) (三京)	ロット番号 (Lot No.)	製造番号 (Mfg. No.) (KST)	製鋼番号 (Heat No.) (KST)	数量(Quantity)			引張試験(Tension Test)			硬さ試験 (Hardness Test) HRB	結晶粒度 (Grain Size)	へん平試験 (Flattening)	GOOD	
				本数 (No. of Pcs.)	重量 (Mass)	延長 (Total Lengths)	0.2%耐力 (0.2% Y. S.)	引張り強さ (T. S.)	伸び (E.)					
(SANKYO)	指定単位(Unit Designated)			本(Pcs.)	kg	m	MPa	MPa	(%)					
	規格 (Specification)		最小(Min)				170	485	35				押し広げ試験 (Flaring)	GOOD
			最大(Max)											
09-02-007	01		872-2783	143	229		300	605	58.8	71.3			外観寸法試験 (Measurement & surface)	GOOD
						290	600	61.1	72.0	渦流探傷試験 (Eddy Current)			GOOD	
										検鏡試験 (Microscopic)			—	
										硫酸銅腐蝕試験 (Intergranular Corrosion Test) ASTM A262 PRACTICE E			GOOD	
			TOTAL	143	229									
化学成分表 (Chemical Composition) %												備考(Remarks) SOLUTION HEAT TREATMENT: 1100℃ × 2.32Min/W.Q EN-10204-3.1 NACE MR-0175		
製鋼番号 (Heat No.)	C × 100	Si × 100	Mn × 100	P × 1000	S × 1000	Ni × 100	Cr × 100	Mo × 100						
最小(Min)						800	1800							
最大(Max)	3.5	100	200	45	30	1200	2000							
872-2783	2.0	38	143	33	12	814	1815							

上記注文品は、御指定の規格又は仕様に従って製造されその要求事項を満足していることを証明します。
(IT IS HEREWITH CERTIFIED THAT THE ABOVE MATERIALS ARE SATISFACTORY IN COMPLIANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONTRACT.)

総工場長 Zhang Zhiqiang
(MANAGER OF QUALITY SYSTEM SECTION)

Q.C. Reviewed
2009/03/09

SIS-300-033-304L * 8/2-7/83 * 1002453 * MN6115 * 4/30/2009

Marmon/Keystone Canada Inc.**Specialty Steels**

290 Chemin du Tremblay Boucherville QU CAN J4B 5X9

Tel -514-527-9153 232 Wats 1-800-361-8142 FAX -450-641-4357

E-mail: gdulude@mkcdn.com

PAGE.: 1

Date.: 7/08/09

Quotation number.: 1-524622

QUOTATION

Territory: 16A

Telephone: 613 632 9577

Fax.....: 613 632 1053

ATTN.: CHANTAL LAVOIE**Sold To:**DART AEROSPACE LTD
1270 ABERDEEN STREET**Ship To:**DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY

ON CAN K6A 1K7

HAWKESBURY

ON CAN K6A 1K7

Ship Via

EPIC

F.O.B

BOUCHERVILLE

Salesperson

G. Dulude

Your Reference No.**Terms**

Pricing and delivery are based on the complete bill of Material. Change to quantities or delivery may require a revised quotation. Pricing and delivery, as quoted, are based on conditions prevailing at the time of quotation and are subject to review at time of order. Permissible variation in shipping quantities will be to the seller's standard practice. Orders resulting from quotation are subject to our credit approval. The Customer is to supply a written non-cancellable order to accept this quotation.

We thank you for your inquiry and take pleasure in quoting on your requirements as follows:

Quantity	Description	Days ARO	Pricing	
Line - 1	STAINLESS STEEL SEAMLESS TUBE ANNEALED AND PICKLED A213/SA213 A.W.			
300 FT	STS .750 .049 F304L	1	2.250/FT	675.00
	stock			
Line - 2	STAINLESS STEEL SEAMLESS TUBE A213/SA213 A.W. POLISHED			
300 FT	STS .500 .035 304L	1	1.280/FT	384.00
	stock			
	Energy Surcharge			12.20
All applicable taxes Extra. Duty				Total amount...: 1,071.20
All prices quoted in Canadian Dollars unless otherwise stated.				Total weight...: 162.3 lbs



S/O 1078342
Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

4/0 07/09
PURCHASE ORDER

Purchase Order ID PO10029

Purchase Order Date 7/08/09
PO Print Date 7/08/09

Page Number 1 of 1

Order From:

VC-MAR001

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

800 361 8142

450 641 4357

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

6122-5207

Net 30

CAD

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304TR0.750W.049	304 RD Tube .750 x .049W	7/08/09 Yes	300.00 f	Epic collect	\$2.3500	\$675.00
		Special test: MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM OR ASME SA213 OR ASTM A269					
2	M304TR0.500W.035	304 RD Tube .500 x .035W	7/08/09 Yes	300.00 f	Epic collect	\$1.2800	\$384.00
		Special test: AS ABOVE					

PO Total:

\$1,059.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Muri!
Shiraine 7/08
No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 7/08/09

Marmon/Keystone Canada Inc.**Aciers Spécialisés**290, Chemin du Tremblay
Boucherville QC J4B 5X9Téléphone : 514-527-9153
Télec./Fax : 450-641-2153
www.marmonkeystone.com**TÉLÉCOPIE / FACSIMILE**

Date:

07/09/2009

Destinataire/TO:

Linda Lavelle

Télec.

FAX #:

613-632-1053

Expéditeur/FROM: Aline Simard

Confidentialité:

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Nous transmettons un total de _____ page(s), incluant la page couverture.*Si vous ne recevez pas toutes les pages, veuillez nous contacter immédiatement.*

We are transmitting a total number of _____ pages, including this cover sheet.*If you do not receive all pages, please contact us immediately.*

MESSAGE :

*Packing Slip & Invoice
#10029/1078342*

Marmon/Keystone Canada Inc.

Marmon/Keystone Canada Inc.**Specialty Steels**

PAGE: 1

290 Chemin du Tremblay Boucherville J4B 5X9
TEL (514) 527 9153 FAX (450) 641 4357Shipping date..... 07/09/2009
Name of Carrier.... EPIC
F.O.B..... BOUCHERVILLE

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING-EXPRESS SHIPPING CONTRACT ADOPTED BY RAIL FREIGHT AND EXPRESS CARRIERS SUBJECT TO THE JURISDICTION OF THE CANADIAN TRANSPORT COMMISSION ISSUED AT SHIPPER'S REQUEST.

It is mutually agreed, as to each carrier of all or any of said goods over all or any portion of said route to destination, and as to each party at any time interested in all or any of said goods, that every service to be performed hereunder shall be subjected to all the terms and conditions (which are hereby incorporated by reference and have the same force and effect as if the same were fully and specifically set forth herein).

1. approved by the board of transport commission for Canada by General Order No. T-5, dated February 1, 1965 set forth in the Canadian freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by rail carrier; or
2. of the bill of lading set forth in or prescribed by the relevant tariff, classification, statutes and regulations motor carrier's services when said goods are carried by a motor carrier; or
3. of the bill of lading form prescribed by the regulations adopted by the order-in-council 9786-79 dated April 4, 1979
4. of the Shipping Contract approved by the Board of Transport Commission for Canada by General Order No. 4-43 dated September 15, 1967 and set forth in Express Traffic Association; Tariff 100 in effect on the date hereof, when said goods are carried by an express carrier subject to the jurisdiction of the said Board; and which are agreed to by the shipper and accepted for himself and his assigns.

Consigned to:

DART AEROSPACE LTD
1270 ABERDEEN STREET

Telephone..... 613 632 5200

HAWKESBURY ON CAN K6A 1K7

Customer order.: 10029

Description of shipments and special marks		Weight	PCS	If charges are to be prepaid write or stamp here:	
Fax all papers to Linda Lacelle 613-632-1053				Collect	
Mill tests required with all shipment					
				Received \$	
				To be applied in prepayment of the charges on the property described hereon.	
				Agent or Cashier.	
				Per.	
				For carrier's use	
				Advance and or beyond	\$
				Misc.	\$
				Suppl. Piece	\$
				Suppl. Value	\$
				Total	\$
				Shipper show amount of C.O.D.	
				C	Amount \$
				O	Fee \$
				D	Total \$
Bdls/Pieces 1 + 0 = 1		Number of extra large pieces.		Total weight 162 LB	
Dimensions		Where required by tariff shipper must complete the following. Total cubic feet		Dimensional weight	
Shipper		Transport		Order number 1078342	
				Customer	

Marmon/Keystone Canada Inc.**Specialty Steels**

290 Chemin du Tremblay
 Boucherville QU CAN J4B 5X9
 TEL. 514/527-9153
 FAX. 450/641-4357

PACKING SLIP

PAGE... 1
 Order : 1078342
 Date... 07/09/2009

SOLD TO:

DART AEROSPACE LTD
 1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIPPED TO:

DART AEROSPACE LTD
 1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIP VIA		F.O.B.	SALESPERSON	YOUR ORDER NO.	
EPIC		BOUCHERVILLE	G. Dulude	10029	
	Ordered	Description	Number Pieces	Quantity Shipped	Back Ordered
01	300 /FT	Fax all papers to Linda Lacelle 613-632-1053 Mill-tests-required-with-all-shipment rev:08/08 STAINLESS STEEL SEAMLESS TUBE 304L SMLS TUBE 3/4 X .049 SA213 A.W. A&P STS .750 .049 F304L Tariff Number: 7304. Cust. part#: M304TR0.750W.049 HT#.....: TG080015 Total...	15 15	300/FT 300/FT	IN
02	300 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Tariff Number: 7304. Cust. part#: M304TR0.500W.035 HT#.....: 872-2783 Total...	15 15	300/FT 300/FT	IN

No. of Bcls/Pieces

1 / 0

Total Weight.....:

162

Customers.: _____



CRYSTAL-PALACE

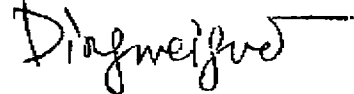
SHANGHAI CRYSTAL PALACE PIPE CO.,LTD

ZHONG GANG, NAN HUI, SHANGHAI CHINA ZIP CODE:201302

MILL TEST CERTIFICATE

ISO9001:2000 ;PED Material CERTIFICATE (No.:QAC0021058/A)

DATE OF ISSUE:2009/4/26

CUSTOMER: MARMON/KEYSTONE CANADA INC..						CERTIFICATE NO. :2009-3-4-A-7						
P.O.NO.: MN6218						ORDER NO. :2009-3-004-A						
COMMODITY: STAINLESS STEEL SEAMLESS TUBING						GRADE : ASTM A213-07 TP304/TP304L						
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END.						HEAT NO. :TG080015						
CHEMICAL CONTENTS (WT%)												
ELEMENTS	C	Mn	P	S	Si	Ni	Cr					
SPECIFICATION	≤0.035	≤2.00	≤0.040	≤0.030	≤0.75	8.0-13.0	18.0-20.0					
RESULTS (LADLE)	0.021	0.95	0.038	0.002	0.44	8.08	18.14					
PHYSICAL PROPERTIES												
Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥205	T S (Mpa) ≥515	EL (%) ≥35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤80	EDDY CURRENT TEST TO E426 (100%) (DRILLED HOLE)
O.D (inch)	W.T (inch)	Length (feet)										
0.750	0.049	20	P09-3-61	50	168	385	640	69.0	OK	OK	75	OK
REMARKS: AS PER ASTM A213/ASME SA213-07 WALL THICKNESS TOLERANCE AS PER ASTM A269-07 IN COMPLIANCE TO NACE MR0175-2003 IC TEST TO ASTM A262 PRACTICE E SOLUTION HEAT TREATMENT :1050°C X 1.5m/min NO WELD REPAIR WAS PERFORMED FREE FROM MERCURY CONTAMINATION COUNTRY OF ORIGIN: CHINA MILL TEST CERTIFICATE TO EN 10204/3.1 INVOICE NO: YK-09-04-37						1.WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT 2.THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.						
						SHANGHAI CRYSTAL PALACE PIPE CO.,LTD  MANAGER OF QUALITY ASSURANCE DEPARTMENT						

Q.C. Reviewed

R206/16/05

07/09/2009 13:30 450-641-2153
 -E304L * 15080015 * MARMON/KEYSTONE
 MN6218 * 5/23/2009 PAGE 04/05

検査成績表 (MILL CERTIFICATE)

需要家:

(CUSTOMER) MARMON/KEystone CANADA

注文者: 三京物産株式会社

(SUPPLIER) (SANKYO&CO., LTD.)

品名:

(COMMODITY) SEAMLESS STAINLESS STEEL COLD DRAWN TUBE

ASTM/ASME A269/A213/SA213 (A.W.) TP304/304L

契約番号: S91CA40-B

(CONTRACT NO.)

三京不銹鋼管(沈陽)有限公司

SANKYO STAINLESS TUBE(SHEN YANG) CO., LTD.

中国・瀋陽市蘇家屯区玫瑰街115号

(NO.115 MEIGUI STREET, SUJIATUN DISTRICT, SHENYANG, P.R. CHINA)

発行日: 2009.03.02

(DATE OF ISSUE)

証明書番号: 09-0177

(CERTIFICATE NO.)

需要家管理番号: P.O.# MN 6115

(CUSTOMER ORDER NO.)

寸法: 0.500" OD × 0.035" WT × 20' LG
(SIZE)

CASE NO.: 05

製作番号 (Mfg. No.) (三京)	ロット番号 (Lot No.)	製造番号 (Mfg. No.) (KST)	製鋼番号 (Heat No.) (KST)	(SIZE)			引張試験(Tension Test)			硬さ試験 (Hardness Test) HRB	結晶粒度 (Grain Size)	へん平試験 (Flattening)	GOOD
				本数 (No. of Pcs.)	重量 (Mass) kg	延長 (Total Length) m	0.2%耐力 (0.2% Y.S.) MPa	引張り強さ (T.S.) MPa	伸び (E.) (%)				
(SANKEYO)	指定単位(Unit Designation)			本(Pcs.)	kg	m	MPa	MPa	(%)				
	規格 (Specification)		最小(Min)				170	485	35				
			最大(Max)										
09-02-007	01		872-2783	143	229		300 290	605 600	58.8 61.1	71.3 72.0			
TOTAL				143	229								
化学成分表 (Chemical Composition) %													備考(Remarks) SOLUTION HEAT TREATMENT: 1100℃ × 2.32Min/W.Q EN-10204-3.1 NACE MR-0175
製鋼番号 (Heat No.)	C × 100	Si × 100	Mn × 100	P × 1000	S × 1000	Ni × 100	Cr × 100	Mo × 100					
最小(Min)						800	1800						
最大(Max)	3.5	100	200	45	30	1200	2000						
872-2783	2.0	38	143	33	12	814	1815						

上記注文品は、御指定の規格又は仕様に従って製造されその要求事項を満足していることを証明します。
(IT IS HEREWITH CERTIFIED THAT THE ABOVE MATERIALS ARE SATISFACTORY IN COMPLIANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONTRACT.)

総工場長 *Zhang Jijun*
(MANAGER OF QUALITY SYSTEM SECTION)

Q.C. Reviewed
2009/3/29